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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/699,015	10/27/2000	Charles P. Bobbitt	5053-30802/EBM	5828

7590 07/19/2004
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EXAMINER

COLBERT, ELLA

ART UNIT	PAPER NUMBER
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3624

DATE MAILED: 07/19/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/699,015

Applicant(s)

BOBBITT ET AL.

Examiner

Ella Colbert

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NW

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 April 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) See Continuation Sheet is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☒ Claim(s) See Continuation Sheet are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 8 & 9.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

Continuation of Disposition of Claims: Claims pending in the application are 1-74,124,147,186,219,268,317,356,366,395,408,441,447,465,488,493,518 and 565.

Continuation of Disposition of Claims: Claims subject to restriction and/or election requirement are 1-74,124,147,186,219,268,317,356,366,395,408,441,447,465,488,493,518 and 565.

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DETAILED ACTION

1. Claims 1-74, 124, 147, 186, 219, 268, 317, 356, 366, 395, 408, 441, 447, 465, 488, 493, 518, and 565 are pending in this communication filed 04/10/01 entered as Pre-Amendment A, paper no. 4.
2. The IDS filed 07/12/02 has been entered as paper no. 8, the IDS filed 10/13/03 has been entered as paper no. 9, and the IDS filed 06/28/04 has been entered as paper no. 10.

Election/Restrictions

3. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-73, 147 & 488, drawn to processing relationship object representations, classified in class 707, subclass 103r.
 - II. Claims 74 & 124, drawn to defining a multilevel business organization, classified in class 705, subclass 5.
 - III. Claims 186, 219, 268, 447, 465, & 493, drawn to configuring a break key definition, classified in class 705, subclass 44.
 - IV. Claim 317, drawn to FSO related processing tasks, classified in class 705, subclass 35.
 - V. Claims 356, 366, & 395, drawn to entering a key value in the field of a template, classified in class 707, subclass 1.
 - VI. Claims 408, 441, & 518, drawn to a key definition and data element values, classified in class 715, subclass 517.

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VII. Claim 565, drawn to a dictionary of data elements, classified in class 711, subclass 216.

4. Inventions Group I, Group V, Group VI, and Group VII and Group II, Group III, and Group IV are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because Group I, Group V, Group VI, and Group VII has separate utility such as Group I has processing relationship object representations on a display screen in data communication with a Financial Service Organization (FSO), preparing and storing a processing relationship definition, Group V has separate utility such as entering a key value in a first field of a template displayed on a display screen, entering a database identifier in a second field of the template, storing the entered key value and the database identifier, and configuring the key value to access the database identifier, Group VI has separate utility such as reading a key definition from a database, reading from the transaction-related data one or more data element values, and transferring the one or more data element values, and Group VII has separate utility such as a dictionary of data elements, receiving a selection of one or more data elements and storing the user-defined key in the FSO database. The subcombination has separate utility such as Group II has defining a multilevel business organization, defining one or more FSO objects, configuring a processing relationship, and storing the

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processing relationship structure in a FSO database, Group III has separate utility such as configuring a break key definition, receiving FSO data associated with an FSO transaction, storing the FSO data in a database, sorting the FSO data stored in the database, storing the sorted FSO data, collating the sorted FSO data, and generating the FSO report, and Group IV has separate utility such as storing a first smart trigger in a first memory, the first smart trigger comprising a first identifier, reading the first smart trigger from the first memory, and executing the first FSO related processing task.

5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

6. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Groups II, III, IV, V, VI, and VII, the search required for Group II is not required for Groups I, III, IV, V, VI, and VII, the search required for Group III is not required for Groups I, II, IV, V, VI, and VII, the search required for Group IV is not required for Groups I, II, III, V, VI, and VII, the search for Group V is not required for Groups I, II, III, IV, VI, and VII, the search for Group VI is not required for Groups I, II, III, IV, V, and VII, and the search for Group VII is not required for Groups I, II, III, IV, V, and VI, restriction for examination purposes as indicated is proper.

7. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

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8. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

9. During a telephone conversation with Attorney Mark Deluca on July 13, 2004, a provisional election was made with traverse to prosecute the invention of Group I, claims 1-73, 147, and 488 (a method for processing relationship object representations). Mr. Deluca elected with traverse with the right to select another group of claims after reviewing the restriction requirement. Affirmation of an election must be made by the Applicants in responding to this Office action. There will be no examination of any of the groupings of claims and inventions until a decision is affirmed by Mr. Deluca and the Applicants.

Inquiries

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ella Colbert whose telephone number is 703-308-7064. The examiner can normally be reached on Monday-Thursday from 6:30 am -5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vincent Millin can be reached on 703-308-1038. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read "E. Colbert", with a stylized flourish extending from the end.

E. Colbert
July 14, 2004